



# King Street Corridor Improvements

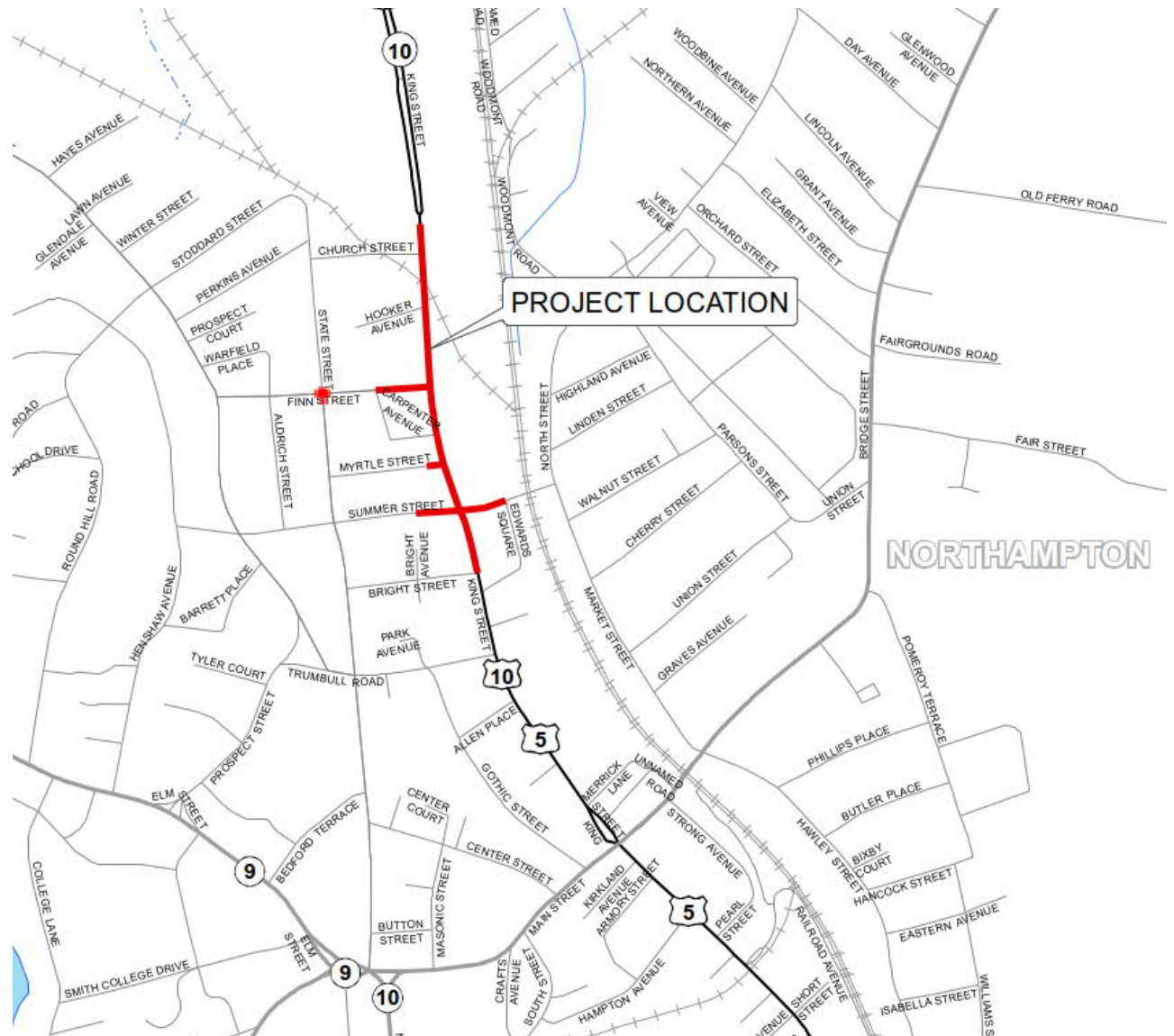
25% Design Public Hearing – MassDOT Proj. # 607502

City of Northampton, MA

September 25, 2018

# Agenda

- Project History
- Project Goals
- Existing Conditions
- Proposed Conditions
- Questions





# Project History

- Corridor Study – 2003  
Study looked at road diet, vehicular congestion, economic development opportunities, aesthetic updates
- Follow-up Study & City Design Charrette – 2011  
Layout changes, improvement recommendations  
Outcome was a master plan for lower & upper King Street (incl. other areas)
- Project Initiation – 2013  
PNF/PIF forms submitted by City to apply for funding through MassDOT
- Commence Preliminary Design – Fall 2016
- Pre-25% Submission to MassDOT – Jan. 2017
- 25% Submission to MassDOT – April 2017  
Utility Meetings, Comment Resolutions - Spring 2018



# Project Goals

We must take a "Complete Streets" approach

Update Pedestrian & Bicycle Accommodations

Reduce Corridor Peak Hour Congestion

Improve Safety for all users

Extend the urban context of Downtown to Upper King Street

Provide sustainable methods of treating storm water when possible

Minor landscape/enhancements and tree belt

Replace obsolete traffic equipment

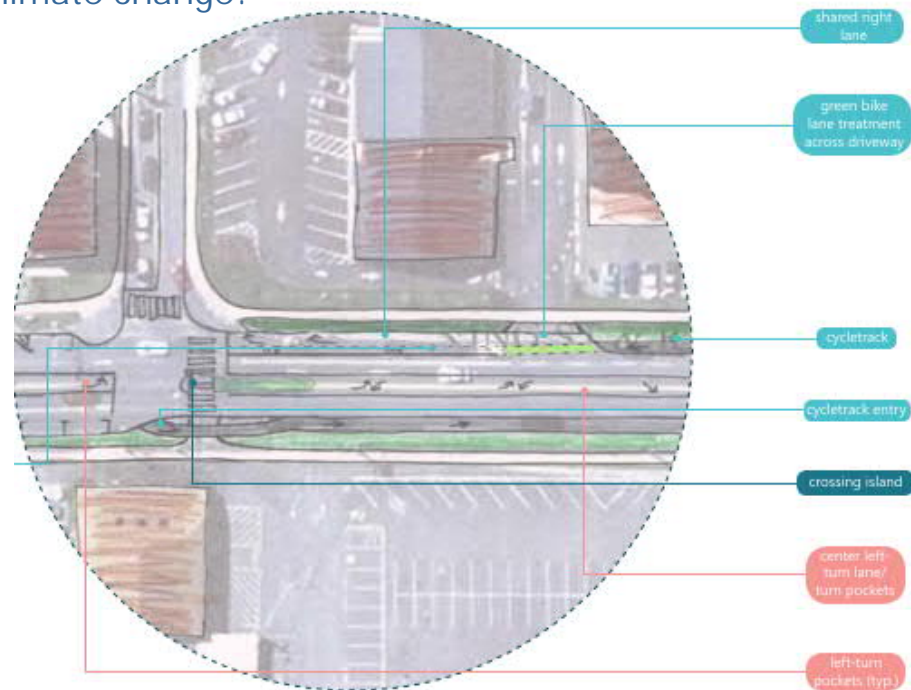
Improve pavement condition and extend service life

## Transportation Equity

The ability to contextually accommodate all modes of transportation, users, ages

## Planning for the future

Is the design sustainable, both for traffic projections and climate change?



# Existing Conditions



- Current Traffic Volumes  
2015 – 15,575 vpd  
2035 – 19,004 vpd
- Accident History throughout corridor
- “Left turn Trap” at Summer/North
- Lack of bike network connectivity
- ADA compliance



# Existing Conditions





# Existing Conditions





# Existing Conditions





# Proposed Conditions

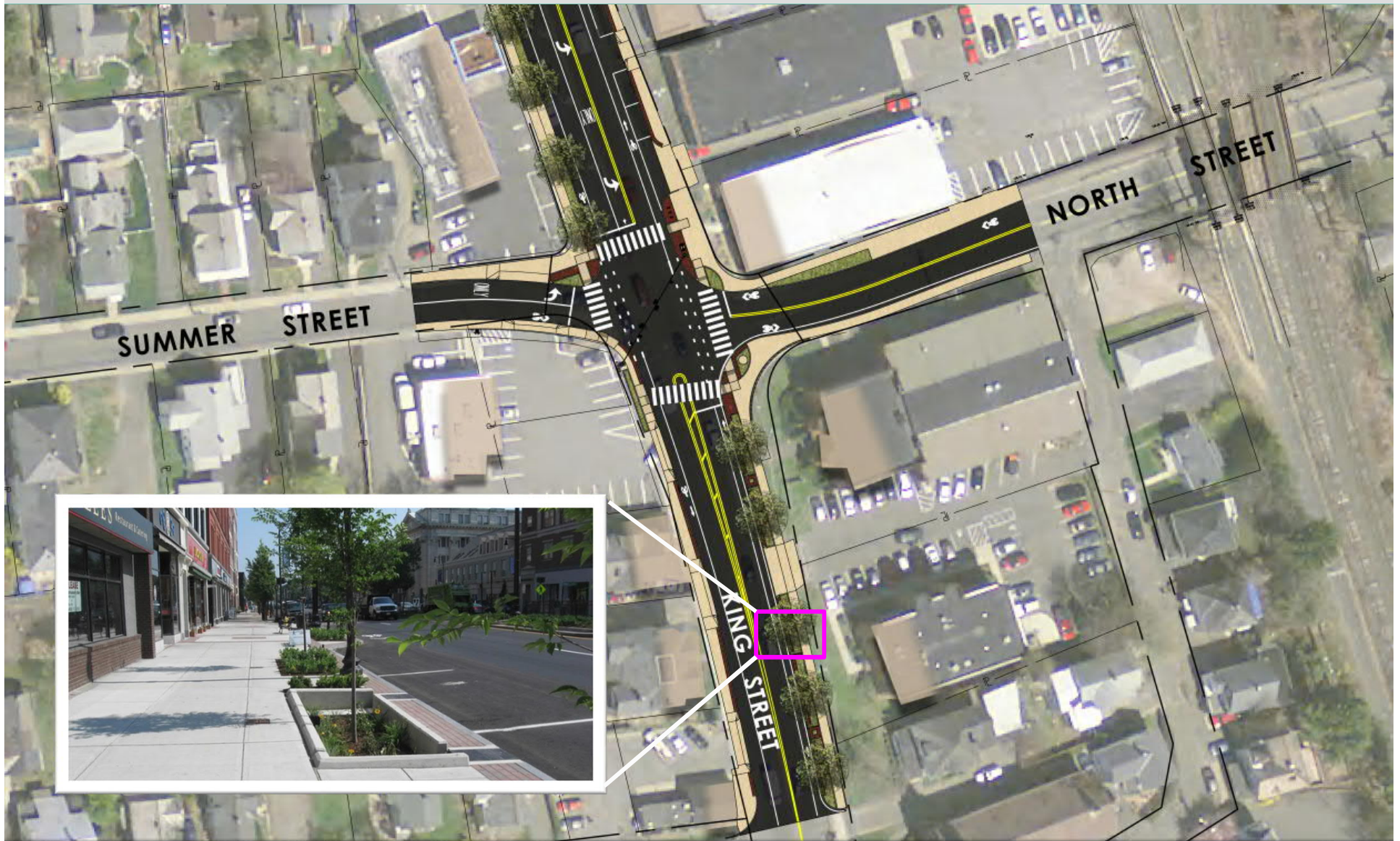


Current Estimated Construction Cost  
\$2.6M

Current Estimated Total Project Cost  
\$3.4M (Includes Utility Relocations, Police Detail,  
Construction Contingencies)



# Proposed Conditions

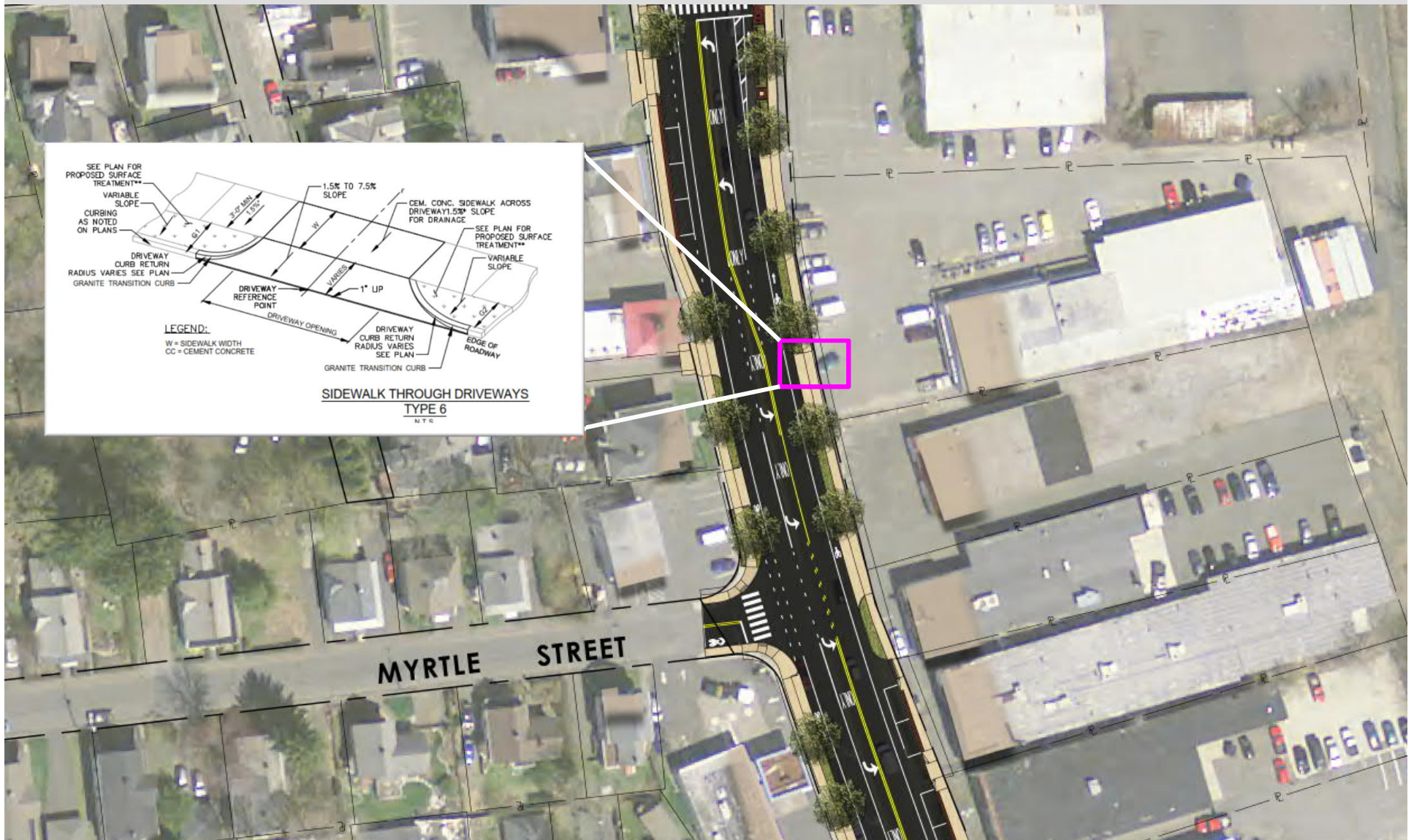


## King/Summer/North Intersection Improvements

Re-alignment, urban rain gardens, bike lanes, signal equipment (APS), crosswalks



# Proposed Conditions

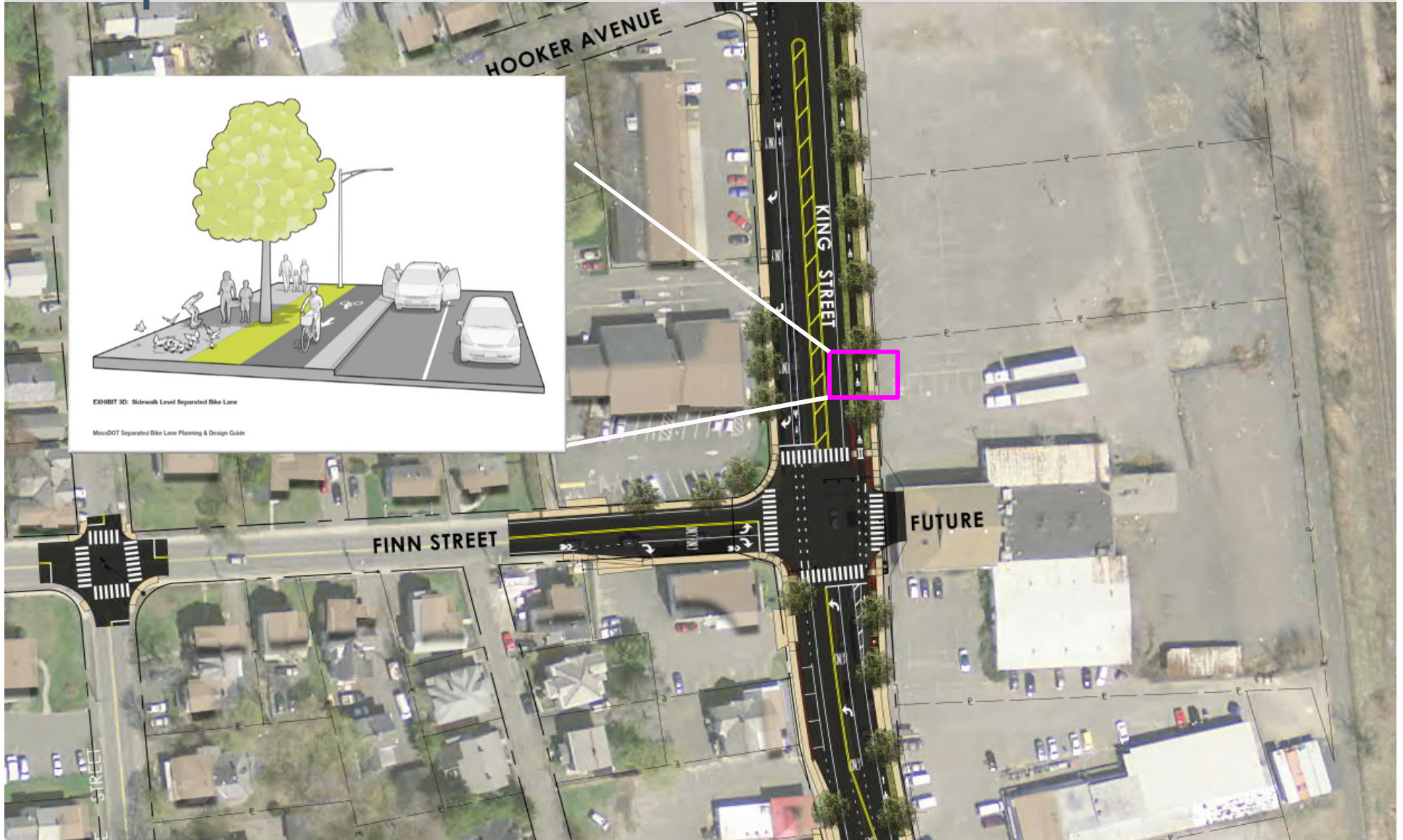


King Street – Between Summer and Finn

Road diet, turn lanes into businesses, on-street parking, bike lanes, sidewalks, fix driveway aprons



# Proposed Conditions



## King/Finn Intersection

Accommodation for Future Development (Turn Lanes), Separated bike lane, tree belt, rain garden, signal timing improvements (coordination)



# Proposed Conditions



## Project Limit

Addition of safer merge condition, connection to Northampton Bikeway



# Proposed Conditions



## Finn/State Intersection

New traffic signal installation, pedestrian countdown timers, new wheelchair ramps



# Feedback?

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